THINKCENTRE M72e TECHSPECS

	Mini Tower	Small Form Factor	Tiny
Product Name	ThinkCentre M72e		
Form Factor	Mini Tower/Small Form Factor/Tiny		
Operating System	Windows® 7 Starter [1]		
	Windows® 7 Home Basic 32bit (include SP1)[2]		
	Windows® 7 Home Premium 64bit/32bit (include SP1)		
	Windows® 7 Professional 64bit/32bit (include SP1)		
	Windows® 7 Ultimate 64bit/32bit (English only)[1]		
	Windows® XP Professional SP3 (Downgrade from Windows 7 Pro 32 bit) [1]		
Chipset	Intel® H61		
Processor	Intel® Core™ i7-3370/3370S (3rd generation)		Intel® Core™ i5-3470T (3rd generation)
	Intel® Core™ i5-3570/3570S/ 3550/3550S/3470/3470S/3470T (3rd generation)		Intel® Core™ i3-2120/2130 (2nd generation)
	Intel® Core™ i3-3240/3220 (3rd generation)		Intel® Pentium™ G630T/G620T/G530T (2nd generation)
	Intel® Core™ i5-2400 (2nd generation)		Intel® Celeron™ G460/G440 (2nd generation)
	Intel® Core™ i3-2120/2130 (2nd generation)		
	Intel® Pentium™ G620/G630/G850/G860/G870 (2nd generation)		
	Intel® Celeron™ G460/G530/G540/G550 (2nd generation)		
Memory			
DIMM Slots	2 DIMM		2 SODIMM
Type	DDR3		SODIMM DDR3
Speed [3]	Up to 1600 MHZ		Up to 1600 MHZ
Module Type Supported	2GB/4GB/8GB		SODIMM 2GB/4GB/8GB
Max Memory	Up to 16GB		Up to 16GB
Bandwidth	Up to 12.8 GB/s		Up to 12.8 GB/s
Graphics			
Integrated	Intel® HD Graphics		Intel® HD Graphics
Discrete [4]	AMD Radeon HD7350 (DVI+DP)		NA
	AMD Radeon HD7450 (DVI+DP)		NA
	NVIDIA QUADRO NVS300 512M 64BIT(DVI+DVI)		NA
Peripherals			
Keyboard	Lenovo® Preferred Pro Full-size Keyboard Lenovo® Preferred Pro Fingerprint Keyboard		
	Lenovo® Preferred Pro Fullsize PS/2 Keyboard		N/A
Mouse	USB Optical Wheel Mouse Lenovo Enhanced Optical USB Mouse		Lenovo Enhanced Optical USB Mouse
Card Reader	YES		N/A
Speaker	Int Speaker (1.5W) / Ext 2.0 Speaker (4W)		
Hard Drive			
Supported Types	Serial-ATA		
Bus Transfer Rate	600MByte/s		

Available Drives	250GB/320GB[1]/500GB/1TB 128GB SSD		320GB[1]/500GB/750GB 128GB SSD
Optical Drive			
Supported Types	Serial-ATA		
Available Drives	DVD-ROM/DVD Rambo		Slim DVD-ROM/Slim DVD Rambo
Communication			
Network Controller	Integrated 10M/100M/1000M Gigabit Ethernet [5]		
Wireless Connection	2*2 IEEE 802.11 b/g/n + Bluetooth (optional) 1*1 IEEE 802.11 b/g/n		
Bays & Connectors			
3.5' Internal Bay	2 (HDD)	1(HDD)	N/A
3.5' External Bay	N/A	N/A	N/A
5'25 External Bay	1 (ODD)	1 (ODD)	1 (ODD) [6]
2.5 Bay	N/A	N/A	1
HDD Support	2	1	2 (2nd optional)
ODD Support	1	1	1
SATA Connectors	3 (SATA II)	3 (SATA II)	1 (SATAII)
Slots			
PCI Express x1			
Available Slots	2 x Full Height	2 x Low Profile	N/A
Pin Count	36 pins		N/A
Bandwidth	500MB/s per direction, 1GB/s duplex		N/A
Voltage	12V		N/A
PCI Express x16			
Available Slots	1 x Full Height	1 x Low Profile	N/A
Pin Count	164 pins		N/A
Bandwidth	8GB/s per direction, 16GB/s duplex		N/A
Voltage	12V		N/A
Mini PCI Express x1			
Available Slots	N/A		1
Pin Count	N/A		52 pins
Bandwidth	N/A		2.5Gbps per link
Voltage	N/A		3.3V
I/O Ports (Front)			
USB (Type)	2 x USB 2.0		2 x USB 2.0
Microphone	1		1
Headphone	1		1
I/O Ports (Rear)			
USB (Type)	4 x USB 2.0		3 x USB 2.0
Display (Output)	1 x VGA, 1 x DVI Support Multi-Display		1 x VGA, 1 x DP Support Multi-Display
PS/2	2 (1 for Keyboard, 1 for Mouse)		N/A
Serial	1 standard serial, 1 optional [7]		N/A
Parallel	1 Optional --via PCI slot bracket		1 Optional
LAN (RJ45)	1		1
AC-IN	NA		1 (65W adapter AC IN)
Security			
USB Individual Disable	Yes		

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Security			
Physical Security	Cable Lock / Padlock Loop/Chassis Intrusion Switch/Computrace Support		Kensington Lock / Padlock Loop/ Computrace Support
Power Supply			
	320W 90% Auto-sensing	240W 85% Auto-sensing	65W 87% Auto-sensing
	280W 85% Auto-sensing	240W 70% Auto-sensing	
	280W 70% Manual		
Chassis Dimension			
Height (mm)	388 (15.28 inches)	335(13.19 inches)	179(7 inches)[8]
Width (mm)	160 (6.3 inches)	99(3.9 inches)	34.5(1.35 inches)[8]
Depth (mm)	422 (9.4 inches)	382(15.04 inches)	182(7.1 inches)[8]
Weight (kg) (lbs)	9.4kg (20.72 lbs)	6.6kg (14.55 lbs)	1.32kg (2.904lbs)
Volume (Approx.)	20L	11L	1L
Environment Attributes			
Temperature	Operating: 110℃ - 35℃ (50F to 95F) Non-operating:-40℃ - 60℃ (50F to 140F) (with package) Wet Bulb Temperature: 25℃ (max) (Operating), 40℃ (max)(Non-Operating)		
Relative Humidity	Operating: 20% ~ 80% (non-condensing) Non-Operating: 20% ~ 90% (non-condensing)		
Max Vibration	Operating: 0.27 G at 5 to 500 Hz at 0.5 octave/min,Ramdom Non-Operating: 1.04 G at 2 to 200 Hz at 1 octave/min With Package: 1.04 G at 2 to 200 Hz at 1 octave/min		
Max Shock	Operating: Bottom half-sine pulse with a change in velocity of 37.4 cm/sec (14.7 inches/sec) Non-Operating: 45-G faired square wave with a velocity change of 441 cm/sec (173.7 inches/sec)		
Max Altitude	Operating: –15.2 to 3048 m (–50 to 10,000 ft) Non-Operating: –15.2 to 10,668 m (–50 to 35,000 ft)		
Preloaded Software	Adobe® Acrobat® Reader®		
	Acrobat® Flash® Player		
	Skype™		
	PC-Doctor for WinPE		
	Corel® Burn SE Lenovo Edition		
	Corel® DVD Movie Factory® 7 Lenovo Edition		
	InterVideo WinDVD®		
	Microsoft® Office 2010 Starter		
	Norton Internet Security 2012 with 30 days of virus definitions		
	Microsoft® Live		
	ThinkVantage® Rescue and Recovery®		
	ThinkVantage® Product Recovery		
	ThinkVantage® Client Security Solution (web delivery only)		
	ThinkVantage® Password Manager		
	Lenovo Solution Center		
	ThinkVantage® System Update (up to 3 years)		
	Lenovo Message Center Plus		
Certifications	CB Report/Certificate		FCC DoC for North America
	UL/CUL		
Footnote			

Certifications	UL GS for Germany	VCCI certification for Janpan
	Saudi Arabia ICCP(SASO)	
	Argentina IRAM S-mark	BSMI certification for Taiwan
	CE - DoC	
	China - CCC	EU/EFTA CE Mark & DoC
	Croatia - KONCAR	UL/CUL
	Serbia - KVALITET	TUV-GS
	Nigeria - SONCAP	IEC60950-1 CB Report/ Certificate
	Kenya - KEBS	
	Kuwait - KUCAS	Saudi Arabia ICCP (SASO)
	Moldavia - INSM	
	Uzbekistan - STZ	China CCC Mark
	Mexico - NOM	Hong Kong SAR (CB report)
	South Africa - SABS	
	Russia - GOST	Argentina S-mark
	Ukraine - UKrCEPRO	PEP (Internal Certification)
	Belarus - Belgiss	
	Kazakhstan - CKI	China RoHS
	Singapore - PSB	EU RoHS
	FCC DoC for U.S.A, ICES-003 for Canada	EU WEEE
	VCCI certification for Japan	Japan J-Moss
	BSMI certification for Taiwan	California RoHS
	EU/EFTA CE Mark & DoC	USA Chemical Emission Test
	C-Tick DoC for Australia and New Zeland	
	Power line harmonics for Japan	New York RoHS
	KC for Korea	Japan Energy Saving
	FCC DoC for North America	ISV Certification
	VCCI certification for Janpan	
	BSMI certification for Taiwan	
	EU/EFTA CE Mark & DoC	
	UL/CUL	
	TUV-GS	
	IEC60950-1 CB Report/Certificate	
	Saudi Arabia ICCP(SASO)	
	China CCC Mark	
	Hon	
	PEP(Internal Certification)	
	China RoHS	
	EU RoHS	
	EU WEEE	
	Japan J-Moss	
	California RoHS	
	USA Chemical Emission Test/Greenguard	
	New York RoHS	
	Japan Energy Saving	
	eStandby certificate	
	Energy Star 5.2	
	EPEAT Gold	

Footnote 1: SpB only
Footnote 2: Emerging Market only
Footnote 3: Speed varied by processor
Footnote 4: Optional

Footnote 5: The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

Footnote 6: Optional Slim ODD Box for virtual USFF look
Footnote 7: Optional port via punching out for Tower, PCI slot braket for SF.
Footnote 8: W/O Vesa mount bracket.

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